

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0536	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0536 Egbert	U	10.59						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.88	6.53	27.00	254.84%				
Trim / Thin Trees	0.02		0.02	0.19%				
Encroachments	0.01	0.04	0.17	1.60%	0.01	0.01		
Crown Surface / Depressions / Rutting	1.56	0.02	1.64	15.48%				
Operations & Maintenance Manuals	0.11		0.11	1.04%				
Emergency Supplies & Equipment	0.11		0.11	1.04%				
Flood Preparedness & Training	0.11		0.11	1.04%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.37		0.37	3.49%				
DWR UCIP Field Study					0.11	0.02		
<i>LMA Totals:</i>	3.16	6.59	29.52	278.63%	0.12	0.03	0.00	0.00
Unit No. 01 Lindsey Slough RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.58						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation		2.21	8.84	158.33%				
Trim / Thin Trees	0.02		0.02	0.36%				
Encroachments	0.01		0.01	0.18%	0.01	0.01		
Crown Surface / Depressions / Rutting	0.20	0.02	0.28	5.02%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.37		0.37	6.63%				
DWR UCIP Field Study					0.07	0.02		
<i>Unit Totals:</i>	0.60	2.23	9.52	170.51%	0.08	0.03	0.00	0.00
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.01						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.88	4.32	18.16	362.36%				
Encroachments		0.04	0.16	3.19%				
Crown Surface / Depressions / Rutting	1.36		1.36	27.14%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.04			
<i>Unit Totals:</i>	2.24	4.36	19.68	392.68%	0.04	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Reclamation District No. 0536 Egbert

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Right	5.58
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/30/2016 - 3/30/2016		10/20/2016 - 10/20/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dave Hern RD 536			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start		Rating **	M	Issue No.	38
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0536_01_s_2012_38				
Comment Code					
Inspector Comment					
The District does not have a staff only land owners.					

No Photos

LM Start		Rating **	M	Issue No.	39
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0536_01_s_2012_39				
Comment Code					
Inspector Comment					
District needs to get a copy of the O&M manual.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0536_01_s_2012_40				
Comment Code					
Inspector Comment					
The district should keep a supply of floodfight materials.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	74
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:50161
DS_ID:22712
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) and headwall on the WS and landside (LS). Culverts run under the road to provide drainage from agricultural fields to Lindsey Slough. RD0536 president is David Hearn at hearnd5@gmail.com. (Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - Patterson)
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953 (Station 294+49)].
FS Date: 6/1/2016

LM Start	0.00	Rating **	U	Issue No.	74 (cont)
LM End	0.00	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_50161_34457.jpg



WS view: two CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (left) and 60" CMP (right).

Photo 2 of 2 : UCIP_FA_2016_50161_34456.jpg



LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	73
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:50160
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severely corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through levee, 10 feet below the crown. Flap gate on the waterside (WS) and headwall on the WS and landside (LS). Culverts run under the road to provide drainage from agricultural fields (via LS ditch) to Lindsey Slough. RD0536 president is David Hearn at hearnd5@gmail.com. (Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - Patterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M manual 106, May 1953 (Station 294+49)].
FS Date: 6/1/2016

LM Start	0.00	Rating **	U	Issue No.	73 (cont)
LM End	0.00	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_50160_34771.jpg



WS view: concrete headwall, flap gates on 36" CMP (left) and 60" CMP (right)

Photo 2 of 2 : UCIP_FA_2016_50160_34770.jpg



WS view: cracked and tilted concrete headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	0.02	Rating **	A	Issue No.	17
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244960 °	38.254640 °
				-121.768553 °	-121.757670 °
DWR ID	DWR_RD0536_01_f_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation here at levee miles 0.02-1.04.					

Photo 1 of 1 : FA_2016_RD0536_208_17_20161024_00036.jpg



RD 536 Unit 1 levee mile 0.02 landside slope.

LM Start	0.02	Rating **	A	Issue No.	18
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244960 °	38.258705 °
				-121.768553 °	-121.753048 °
DWR ID	DWR_RD0536_01_f_2016_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation between levee miles 0.02-1.57.					

Photo 1 of 1 : FA_2016_RD0536_208_18_20161024_00037.jpg



RD 536 Unit 1 levee mile 0.02 looking downstream.

LM Start	0.25	Rating **	M	Issue No.	22
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245463 °	38.245463 °
				-121.764528 °	-121.764528 °
DWR ID	DWR_RD0536_01_s_2014_22				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the tree branches from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	0.67	Rating **	M	Issue No.	3
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.249615 °	38.253717 °
				-121.760165 °	-121.757979 °
DWR ID	DWR_RD0536_01_f_2016_3				
Comment Code					
Inspector Comment					
2011 - Multiple sections of slumping bank. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-6_R]					

No Photos

LM Start	1.35	Rating **	M	Issue No.	47
LM End	1.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.258930 °	38.258637 °
				-121.757085 °	-121.753397 °
DWR ID	DWR_RD0536_01_f_2014_47				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	2.69	Rating **	U	Issue No.	56
LM End	2.71	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255197 °	38.254973 °
				-121.737932 °	-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
District need to monitor the levee crown roadway at this location. There are some issues here.					

Photo 1 of 5 : FA_2016_RD0536_208_56_20160919_00007.jpg



Looking downstream at crown roadway there is still some settling going on here at this location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	2.69	Rating **	U	Issue No.	56 (cont)	
LM End	2.71	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Crown Surface / Depressions / Rutting			38.255197 °		38.254973 °
				-121.737932 °		-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56					
Comment Code						
C2 : Repair depressions or ruts in the crown or slope.						
Inspector Comment						
District need to monitor the levee crown roadway at this location. There are some issues here.						

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR

Photo 2 of 5 : FA_2016_RD0536_208_56_20161024_00041.jpg



Photo 3 of 5 : FA_2016_RD0536_208_56_20161024_00038.jpg



RD 536 Unit 1 looking downstream from 2.69 to levee mile 2.71.

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR

Photo 4 of 5 : FA_2016_RD0536_208_56_20161024_00039.jpg



RD 536 Unit 1 levee mile 2.69 another angle of the subsidence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	2.69	Rating **	U	Issue No.	56 (cont)	
LM End	2.71	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Crown Surface / Depressions / Rutting			38.255197 °		38.254973 °
				-121.737932 °		-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56					
Comment Code						
C2 : Repair depressions or ruts in the crown or slope.						
Inspector Comment						
District need to monitor the levee crown roadway at this location. There are some issues here.						

Photo 5 of 5 : FA_2016_RD0536_208_56_20161024_00040.jpg



Looking upstream at subsidence waterside of levee crown.

LM Start	2.74	Rating **	M	Issue No.	62
LM End	2.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.254927 °	38.254927 °
				-121.737139 °	-121.737138 °
DWR ID	DWR_RD0536_01_s_2014_62				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.85	Rating **	U	Issue No.	2
LM End	3.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.255302 °	38.252008 °
				-121.735210 °	-121.726342 °
DWR ID	DWR_RD0536_01_f_2016_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall dead weeds on the landside slope.					

Photo 1 of 1 : FA_2016_RD0536_208_2_20161024_00042.jpg



RD 536 LEVEE MILE 2.85 - 3.71.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	63
LM End	2.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256098 °	38.256098 °
				-121.733720 °	-121.733720 °
DWR ID	DWR_RD0536_01_s_2014_63				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Spray the wild roses from the waterside slope.					

No Photos

LM Start	3.12	Rating **	M	Issue No.	24
LM End	3.12	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255575 °	38.255575 °
				-121.730895 °	-121.730895 °
DWR ID	DWR_RD0536_01_f_2016_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the walnut tree from the slope waterside overhanging the crown roadway.					

No Photos

LM Start	3.28	Rating **	U	Issue No.	25
LM End	4.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256530 °	38.250313 °
				-121.728377 °	-121.721228 °
DWR ID	DWR_RD0536_01_f_2016_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the dead tall weeds from the waterside slope and toe.					

Photo 1 of 1 : FA_2016_RD0536_208_25_20161024_00043.jpg



RD 536 Unit 1 levee mile 3.24- 4.04 looking downstream at the waterside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	3.69	Rating **	M	Issue No.	69
LM End	3.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252388 °	38.252388 °
				-121.726437 °	-121.726437 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49314
DS_ID:24023
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016 Could not see flapgate in water. Pipes still in use. No cover over pressure relief valve on WS slope. 08/13/2013:- Field discovered pipe.- Needs more information from the LMA/ DWR Inspector. - Dense vegetation on WS.- Pump feeds both pipes.
FIELD_STRUCT_DESC: 1 of 2: 18-inch steel drainage pipe through the levee, approximately 4 feet below the crown. Pump (called the "Buddha pump") in pump house on the landside (LS) at the drainage ditch. Pressure breaker on the waterside (WS) slope. Pump and pipes are used by the district (per district president David Hearn) but could not identify permit information. Landowner is Dan Hearn per Solano County Assessor's Office (Parcel No. 0042-180-220).
FS Date: 6/1/2016

LM Start	3.69	Rating **	M	Issue No.	69 (cont)
LM End	3.69	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_49314_34789.jpg



WS view: exposed 18" steel pipe on levee slope.

Photo 2 of 2 : UCIP_FA_2016_49314_34788.jpg



WS view: pressure breaker/valve on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	3.95	Rating **	M	Issue No.	70
LM End	3.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.250693 °	38.250693 °
				-121.722759 °	-121.722759 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49317 DS_ID:22719 EP_NO: 2131 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 New pump recently installed. Flapgate not visible though not required under condition of Permit No. 2131. No positive closure device found, which, if missing, is a violation of Condition 8 of Permit No. 2131. Need a name change permit for new owner RD0536. Siphon breaker missing cover.08/13/2013 Pump is missing at the time of inspection. May be taken out for repair.Flap gate on waterward end not found/visible as pipe was submerged into water.Pipe itself is a walkway with steel handrail. FIELD_STRUCT_DESC: 20-inch drainage pipe through the levee, 1.5 feet below the crown. Pump (replaced recently) on steel platform in drain ditch on landside (LS) toe. Siphon breaker on waterside (WS) slope exposed on both slopes (only found on WS in 2016). Walkway over pipe on LS leads to pump platform. Pipe and pump is now used by the district, per district president David Hearn. (Permit No. 2131, 1955 - California Packing Corporation). FS Date: 6/1/2016					

LM Start	3.95	Rating **	M	Issue No.	70 (cont)
LM End	3.95	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_49317_34579.jpg



WS view: exposed steel pipe with siphon breaker on levee slope.

Photo 2 of 2 : UCIP_FA_2016_49317_34578.jpg



WS view: steel pipe submerged into water in the stream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	4.44	Rating **	U	Issue No.	20
LM End	4.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.248980 °	38.248017 °
				-121.714990 °	-121.711852 °
DWR ID	DWR_RD0536_01_f_2015_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Unsatisfactory growth of auroondo present on waterside slope need to be removed.					

Photo 1 of 1 : FA_2016_RD0536_208_20_20161024_00044.jpg



RD 536 Unit 1 levee mile 4.44-4.65 waterside slope and shoulder.

LM Start	4.94	Rating **	M	Issue No.	4
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.245581 °	38.245667 °
				-121.708605 °	-121.708327 °
DWR ID	DWR_RD0536_01_f_2016_4				
Comment Code					
Inspector Comment					
2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-8_R]					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	4.96	Rating **	M	Issue No.	71
LM End	4.96	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245643 °	38.245643 °
				-121.708162 °	-121.708162 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49318
DS_ID:22720
EP_NO: 10116
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/01/2016 Pipe is an abandoned crossing per conversation with district president David Hearn. Pipe seems to be abandoned. Catwalk and pumphouse on riverside not found. It is not clear whether the pipe pass through the levee or not. Needs more info from LMA/DWR Inspector.
FIELD_STRUCT_DESC: 3-inch B.I. galvanized pipe through levee 4.0 feet below crown. Concrete cradle and tank on waterward slope (ABO No.10116, 1975). Catwalk and pumphouse on riverside. Originally included in the 1953 O&M manual, Sac 106, May 1953.
FS Date: 8/13/2013

LM Start	4.96	Rating **	M	Issue No.	71 (cont)
LM End	4.96	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_49318_34605.jpg



WS view: pump, pipe, gate valve, and wooden piling structure in the stream.

Photo 2 of 2 : UCIP_FA_2016_49318_34604.jpg



WS view: exposed pipes on levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	5.00	Rating **	M	Issue No.	6
LM End	5.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.245981 °	38.246326 °
				-121.707609 °	-121.706737 °
DWR ID	DWR_RD0536_01_f_2016_6				
Comment Code					
Inspector Comment					
2011 - Levee toe is unraveling with large slumping sections. This site is downstream of old bank rock. 2012 - Erosion pocket has increased in size. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-7_R]					

No Photos

LM Start	5.10	Rating **	M	Issue No.	72
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49319 DS_ID:24664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 According to district president David Hearn, landowner is Silva and crossing is abandoned.08/13/2013:Field discovered pipe crossing.Needs more information from LMA/DWR Inspector. Also needs more detailed inspection. FIELD_STRUCT_DESC: Approximately 6-inch steel pipe and an electric conduit through levee. A slant pump in steel support on channel bank. Gate valve on the pipe. No pipes and appurtenances on landside. Field discovered pipe crossing. FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_FA_2016_49319_35124.jpg



WS view: pipe and pump on channel bank.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	72 (cont)
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49319 DS_ID:24664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 According to district president David Hearn, landowner is Silva and crossing is abandoned.08/13/2013:Field discovered pipe crossing.Needs more information from LMA/DWR Inspector. Also needs more detailed inspection. FIELD_STRUCT_DESC: Approximately 6-inch steel pipe and an electric conduit through levee. A slant pump in steel support on channel bank. Gate valve on the pipe. No pipes and appurtenances on landside. Field discovered pipe crossing. FS Date: 8/13/2013					

Photo 2 of 2 : UCIP_FA_2016_49319_35123.jpg



WS view: closer view of pipe and pump on channel bank.

LM Start	5.10	Rating **	M	Issue No.	66
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20543 DS_ID:22721 EP_NO: 3873 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe seems to be abandoned.Needs proper abandonment. FIELD_STRUCT_DESC: 6-inch pipe through levee 2. 0 feet below crown. Pump on concrete base on waterward slope. Gate valve on waterward slope. (Permit No.3873, 1962). FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_FA_2016_20543_34623.jpg



WS view: abandoned pipe, pump, conduit, and gate valve on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0536 Egbert

WS view: overview of levee slope, concrete pad, and pipe.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	5.12	Rating **	M	Issue No.	67 (cont)
LM End	5.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245588 °	38.245588 °
				-121.705723 °	-121.705723 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20544					
DS_ID:24024					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - field discovered pipe.- seems abandoned pipe.					
Needs proper abandonment.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch galvanized iron pipe on					
top of concrete pad and through levee. Details not available.					
FS Date: 8/13/2013					

Photo 2 of 2 : UCIP_FA_2016_20544_34624.jpg



WS view: abandoned steel pipe on concrete pad.

LM Start	5.17	Rating **	U	Issue No.	65
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245300 °	38.245742 °
				-121.704909 °	-121.700893 °
DWR ID	DWR_RD0536_01_s_2014_65				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
These young oak trees need to be removed from the landward slope and shoulder before they get any larger.					

Photo 1 of 1 : FA_2016_RD0536_208_65_20161024_00045.jpg



RD 536 Unit 1 levee miles 5.17-5.39 landside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0536 Egbert

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	10/20/2016 10/20/2016	Herman Phillips

LM Start	5.49	Rating **	M	Issue No.	68
LM End	5.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245512 °	38.245512 °
				-121.699119 °	-121.699119 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:20563
DS_ID:22722
EP_NO: 7208
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: - siphon breaker needs cover/protection.- service pole on landside of the levee.
FIELD_STRUCT_DESC: 30-inch steel drain pipe through levee 5.7 feet below crown. Pump in piling structure in drain ditch on landward side. Siphon breaker on waterward shoulder. (Permit No. 7208, 1971)
FS Date: 8/13/2013

LM Start	5.49	Rating **	M	Issue No.	68 (cont)
LM End	5.49	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_20563_34646.jpg



WS view: wooden & steel piles on the slough. Probably the supports are for pipe and flap gate. Not accessible due to fence.

Photo 2 of 2 : UCIP_FA_2016_20563_34645.jpg



WS view: uncovered siphon breaker on levee shoulder. It needs protection.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	5.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/30/2016 - 3/30/2016		10/20/2016 - 10/20/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Dave Hern			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Reclamation District No. 0536 Egbert

RD 536 Unit 2 levee mile 0.09 landside levee toe.

No Photos

RD 536 Unit 2 levee mile 0.11-2.22 looking downstream landside slope.

Page 1 of 8

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	10/20/2016 10/20/2016	Herman Phillips

LM Start	0.11	Rating **	A/W	Issue No.	15
LM End	2.24	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.243965 °	38.213481 °
				-121.696933 °	-121.693660 °
DWR ID	DWR_RD0536_02_f_2015_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The crown roadway has been cleared by the goats prior to this inspection.					

No Photos

LM Start	0.84	Rating **	M	Issue No.	16
LM End	2.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.233467 °	38.214050 °
				-121.698007 °	-121.693725 °
DWR ID	DWR_RD0536_02_f_2012_16				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Crown need more gravel.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	10/20/2016 10/20/2016	Herman Phillips

LM Start	1.47	Rating **	M	Issue No.	26
LM End	1.47	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.224423 °	38.224423 °
				-121.697049 °	-121.697049 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:20664
DS_ID:22732
EP_NO: 17829
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector.
FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipe through levee 44.0 feet below crown (Permit No. 17829, 2004).
FS Date: 8/13/2013

LM Start	1.47	Rating **	M	Issue No.	26 (cont)
LM End	1.47	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_FA_2016_20664_34746.jpg



WS view: overview of levee slope and gasline indicator. The indicator is different than standard indicators.

Photo 2 of 2 : UCIP_FA_2016_20664_34745.jpg



WS view: closer look at gasline indicator. The indicator is different than standard indicators.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0536 Egbert

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	10/20/2016 10/20/2016	Herman Phillips

LM Start	2.50	Rating **	M	Issue No.	25
LM End	2.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210063 °	38.210063 °
				-121.691768 °	-121.691768 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20647 DS_ID:24025 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs more info from LMA/DWR Inspector. Pump and pipe looks new. FIELD_STRUCT_DESC: A 12-inch steel pipe with vertical pump on drainage ditch. No other details available. FS Date: 8/13/2013					

LM Start	2.50	Rating **	M	Issue No.	25 (cont)
LM End	2.50	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_20647_34731.jpg



WS view: overview of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

Photo 2 of 2 : UCIP_FA_2016_20647_34730.jpg



WS view: closer view of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	10/20/2016 10/20/2016	Herman Phillips

LM Start	3.04	Rating **	A	Issue No.	24
LM End	3.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.203122°	38.197754°
				-121.687180°	-121.683742°
DWR ID	DWR_RD0536_02_s_2014_24				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
No unwanted vegetation on the crown roadway from levee miles 3.04-3.46.					

No Photos

LM Start	3.50	Rating **	M	Issue No.	12
LM End	4.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.197117 °	38.196720 °
				-121.683787 °	-121.699202 °
DWR ID	DWR_RD0536_02_f_2016_12				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep crown road way free of vegetation.					

No Photos

LM Start	3.75	Rating **	C	Issue No.	10
LM End	3.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.196982 °	38.196850 °
				-121.688350 °	-121.688542 °
DWR ID	DWR_RD0536_02_s_2012_10				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	10/20/2016 10/20/2016	Herman Phillips

LM Start	4.14	Rating **	M	Issue No.	27
LM End	4.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195875 °	38.195875 °
				-121.695177 °	-121.695177 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41845 DS_ID:22731 EP_NO: 1217 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline needs markers on both slopes. Existing markers in disrepair. FIELD_STRUCT_DESC: 8.625-inch gas line through levee at unknown elevation (Permit No. 1217, 1947). FS Date: 8/13/2013					

LM Start	4.14	Rating **	M	Issue No.	27 (cont)
LM End	4.14	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_41845_34765.jpg



WS view: gasline indicator across the channel.

Photo 2 of 2 : UCIP_FA_2016_41845_34764.jpg



LS view: gasline indicator on levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	10/20/2016 10/20/2016	Herman Phillips

LM Start	4.36	Rating **	M	Issue No.	28
LM End	4.36	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.196429 °	38.196429 °
				-121.698962 °	-121.698962 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46813					
DS_ID:22735					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Recommend owner contact CVFPB to provide updated owner info and obtain necessary permit for this crossing.					
FIELD_STRUCT_DESC: 18-inch steel pipe on WS. Steel standpipe on both sides of the levee. Temporary canvas about 2" below crown. Per 2015 Inspection Report provided by Herman Phillips, diesel motor found on WS and owner is Mr. Page Baldwin.					
FS Date: 8/13/2013					

LM Start	4.36	Rating **	M	Issue No.	28 (cont)
LM End	4.36	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_46813_34768.jpg



WS view: steel standpipe on levee slope.

Photo 2 of 2 : UCIP_FA_2016_46813_34767.jpg



LS view: steel standpipe on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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